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010527785 **Image available**

WPI Acc No: 1996-024738/199603

Image processor - has determination unit to determine filter factor of digital filter so that impulse response of 2D filter becomes symmetrical about axis

Patent Assignee: CANON KK (CANON)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 7295961 | A | 19951110 | JP 9485102 | A | 19940422 | 199603 B |

Priority Applications (No Type Date): JP 9485102 A 19940422

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 7295961 | A | 5 | G06F-017/10 | |

Abstract (Basic): JP 7295961 A

The processor has a digital filter which removes moire strips generated at the time of digitization of data. A 2D digital filter consists of matrix of M line N sequence. The filter factor of the digital filter is set up such that impulse response of 2D filter becomes symmetrical about the axis. The filter factor is determined using a determination unit.

ADVANTAGE - Reduces moire strips. Prevents dependence on directivity of image. Obtains uniform edge and smoothing effect.

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Derwent Class: T01; U22; W02

International Patent Class (Main): G06F-017/10

International Patent Class (Additional): G06T-005/20; H04N-001/52